

**Preliminary Proposed "Core Actions"**  
**(Which could be part of any alternative)**

Actions Selected	
<ul style="list-style-type: none"><li>• Restore and enhance existing wetlands</li><li>• Protect existing wetland habitat</li><li>• Improve regulation of ballast-water releases</li><li>• Improve border inspection practices</li><li>• Modify gravel mining practices</li><li>• Use real-time monitoring and adaptive management</li><li>• Operate fish barrier on San Joaquin R. At Merced R.</li><li>• Establish incentives for conjunctive use</li><li>• Construct conveyance to off-stream storage</li><li>• Construct conveyance to groundwater storage</li><li>• Modify California Water Code to ease water transfers</li><li>• Improve procedures for transfer permitting</li><li>• Coordinate diversion and conveyance of transfers</li><li>• Establish incentives for long-term planning</li><li>• Conduct integrated Resources Planning</li><li>• Establish incentives for long-term conservation</li><li>• Develop alternate supplies for drought situations</li><li>• Develop Water Resources Data and Information Management</li><li>• Coordinate multi-agency roles in resource management</li><li>• Coordinate groundwater/surface water management</li><li>• Establish incentives for cooperation/coordination</li><li>• Establish a public awareness/education program</li><li>• Encourage local determination of supplies available</li><li>• Encourage local assessment of water supply reliability</li><li>• Enforce wastewater discharge requirements</li><li>• Prevent toxic discharges from industrial plants</li><li>• Maintain and stabilize existing levees</li><li>• Implement uniform levee maintenance standards</li><li>• Provide funding for maintenance and stabilization of levees</li></ul>	

1A

- Conflict/Approach 1A - Basic Level of Implementation
- Fisheries/Diversion Conflict
- Fish Productivity Approach

Actions Selected	
<ul style="list-style-type: none"><li>• Protect existing shallow habitat from erosion</li><li>• Restore/preserve channel islands</li><li>• Modify construction practices to include riverine elements</li><li>• Improve and protect degraded riparian habitats</li><li>• Modify levee maintenance practices</li><li>• Protect existing riparian habitat</li><li>• Upstream Anadromous Fish Habitat<ul style="list-style-type: none"><li>manage flows in upstream habitats</li><li>manage temperatures in upstream habitats</li></ul></li><li>• Modify passage at upstream dams/other barriers</li><li>• Modify natural barriers to improve passage</li><li>• Install barriers to keep fish in Sacramento River</li></ul>	

1B

- Conflict/Approach 1B - Basic Level of Implementation  
Fisheries/Diversion Conflict -  
Diversion Approach

Actions Selected	
<ul style="list-style-type: none"><li>• Physical Improvements for Fish Passage</li><li>• Modify passage at upstream dams/other barriers</li><li>• Modify natural barriers to improve passage</li><li>• Modification of Diversion Timing Patterns</li><li>• Coordinate SWP/CVP diversion timing</li><li>• Install barriers to Guide Fish Movement</li><li>• Install barriers to block fish movement into Old River</li><li>• Install barriers to keep fish in Sacramento River</li></ul>	

2A

- Conflict/Approach 2A - Basic Level of Implementation
- Habitat and Land Use/Flood Protection Conflict
- Improve habitat and sustain flood protection while protecting existing land use approach

Actions Selected
<i>none</i>

2B

- Conflict/Approach 2B - Basic Level of Implementation
- Habitat and Land use/Flood Protection Conflict
- Improve habitat and improve flood protection by modifying land use approach

Actions Selected
<ul style="list-style-type: none"><li>• Restrict livestock grazing in riparian corridors</li></ul>

3A

- Conflict/Approach 3A - Basic Level of Implementation
- Water supply availability and beneficial uses conflict
- Demand reduction approach

Actions Selected
<ul style="list-style-type: none"><li>• Establish procedures for allocation of export capacity</li><li>• Establish institution to allocate export capacity</li><li>• Coordinate land uses with water supply</li><li>• Coordinate water transfers and export capacity</li><li>• Market export capacity for environmental benefits</li></ul>

3B

- Conflict/Approach 3B - Basic Level of Implementation
- Water supply availability and beneficial uses conflict
- Supply enhancement Approach

Actions Selected	
•	Coordinate land uses with water supplies
•	Restore flows to dewatered riparian habitats

4A

- Conflict/Approach 4A - Basic Level of Implementation
- Water Quality and Land use Conflict
- Manage Quality of Delta Inflow Approach

Actions Selected	
•	Management of Agricultural Drainage
•	Reduce or control volume of agricultural drainage
•	Avoid use of high-salinity irrigation water
•	Modify cropping and irrigation practices
•	Management of M&I Discharges
	- Higher enforcement of wastewater discharge requirements
	- Prevent toxic discharges from industrial plants

4B

- Conflict/Approach 4B - Basic Level of Implementation
- Water Quality and Land use Conflict
- Post Discharge Management Approach

No Actions Selected